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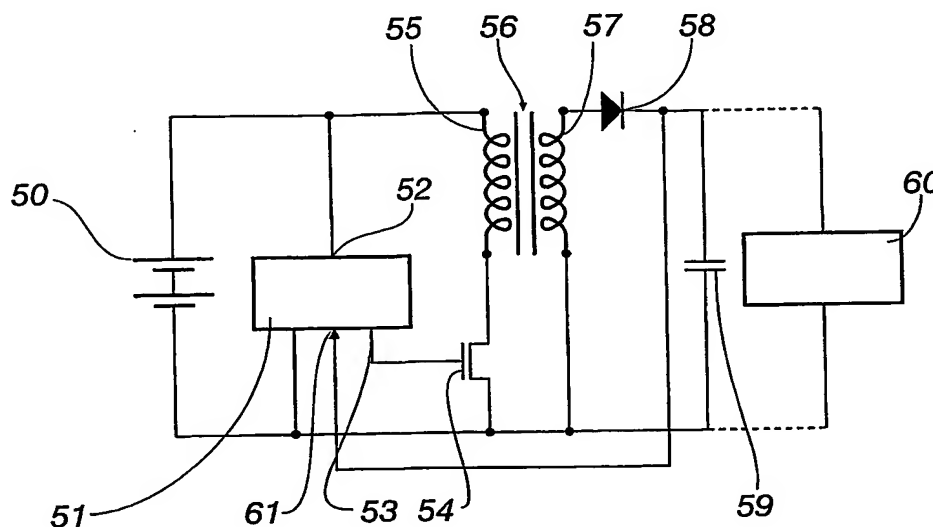
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(54) Title: ELECTRONIC POWER CONTROL FOR LAMPS



(57) Abstract: A power controller for use with lighting systems including a direct current voltage source (50), a coil of known inductance (55), a switch means (54) adapted to control application of the source voltage to the coil, means adapted to select a required duty cycle for the switch such that the input power level is substantially constant, and means (51) adapted to control operation of the switch such that this selected duty cycle is effected. A switch mode DC-DC converter is disclosed, wherein regulation occurs by manipulation of input power, without current monitoring.